## EAST Search History

| Ref#       | Hits     | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------------|----------|--|---|---------------------|---------|---------------------|
| S1         | 21203889 | @ad< "20010928"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/06/08<br>16:26 |
| S2         | 0        | last-first\$.in.   | US-PGPUB;<br>USPAT                                      | OR                  | ON      | 2003/09/29<br>12:04 |
| S3         | 2        | ep-804933-\$.did.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/08<br>16:28 |
| S4         | 15898    | "710"/\$.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/11<br>14:22 |
| S6         | 12693    | oscillator same crystal<br>same time                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/08<br>16:29 |
| S7         | 4200     | oscillator near10 crystal<br>near10 time                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/08<br>16:29 |
| <b>S</b> 8 | 3        | oscillator near10 crystal<br>near10 "free running time"    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/08<br>16:31 |
| S9         | 3        | oscillator same crystal<br>near10 "free running time"      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/08<br>16:32 |
| S10        | 6        | oscillator same crystal<br>same "free running time"        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/08<br>16:34 |
| S11        | 1        | oscillator near10 "free<br>running time" same<br>processor | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/06/08<br>16:35 |

| S12 | 1     | oscillator same "free<br>running time" same<br>processor   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/08<br>16:38 |
|-----|-------|--|---|----|-----|---------------------|
| S13 | 2     | ("5446696").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/08<br>16:52 |
| S14 | 1594  | (processor microcontroller<br>controller) near10 (includ<br>\$3 consist\$3 compris\$3<br>contain\$3) same oscillator<br>same ("free running"<br>crystal)         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/08<br>16:53 |
| S15 | 463   | (processor microcontroller<br>controller) near10 (includ<br>\$3 consist\$3 compris\$3<br>contain\$3) near10<br>oscillator near10 ("free<br>running" crystal)     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/08<br>16:58 |
| S16 | 8     | "710"/\$.ccls. and S15   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/08<br>16:54 |
| S17 | 0     | (processor microcontroller<br>controller) near10 (includ<br>\$3 consist\$3 compris\$3<br>contain\$3) near10<br>oscillator near10 ("free<br>running" and crystal) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/08<br>16:57 |
| S18 | 165   | (processor microcontroller controller) near10 (includ \$3 consist\$3 compris\$3 contain\$3) near10 oscillator near10 ("free running" crystal) same tim \$3       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/08<br>17:05 |
| S19 | 11    | (processor microcontroller controller) near10 (includ \$3 consist\$3 compris\$3 contain\$3) near10 oscillator near10 "free running" same tim\$3                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/08<br>17:06 |
| S20 | 61898 | (interfac\$3 near10<br>protocol)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/11<br>14:21 |

| S21 | 389  | (interfac\$3 near10<br>protocol) near10 "serial<br>protocol"                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11<br>14:23 |
|-----|------|---|---|----|----|---------------------|
| S22 | 48   | "710"/\$.ccls. and S21  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11<br>14:23 |
| S23 | 3786 | (interfac\$3 near10<br>protocol) near10 (convert<br>\$3 compatible) near10<br>protocol            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11<br>14:23 |
| S24 | 393  | "710"/\$.ccls. and S23  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11<br>14:23 |
| S25 | 56   | "710"/305-306.ccls. and<br>\$23   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11<br>16:23 |
| S26 | 29   | "710"/11.ccls. and S23  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/11<br>16:23 |
| S27 | 2    | convert\$3 with protocol<br>with "recovery clock"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/19<br>19:49 |
| S28 | 23   | convert\$3 with protocol<br>with (recover\$3 near3 (clk<br>clock))                                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/19<br>21:41 |
| S29 | 21   | @ad<"20030723" and S28  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/19<br>21:46 |
| S30 | 23   | (reconfigur\$3 convert\$3<br>reformat\$4 )with protocol<br>with (recover\$3 near3 (clk<br>clock)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/19<br>22:03 |

| S31 | 0  | S30 not S28   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/19<br>22:03 |
|-----|----|---|---|----|-----|---------------------|
| S32 | 6  | (("6715010") or<br>("5649124") or<br>("6140946")).PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/25<br>14:11 |
| S33 | 12 | (("6715010") or<br>("5649124") or<br>("6140946") or<br>("5655153") or<br>("7003599") or<br>("4535421")).PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/25<br>14:13 |
| S34 | 15 | (US-20030164795-\$ or US-20050165995-\$ or US-20040143693-\$ or US-20030229748-\$ or US-20030196022-\$ or US-20030046472-\$ or US-20020002638-\$ or US-20040177153-\$).did. or (US-4641238-\$ or US-5841996-\$ or US-6804503-\$ or US-6771138-\$ or US-6862648-\$ or US-6742071-\$ or US-6601115-\$).did. | US-PGPUB;<br>USPAT                                      | OR | ON  | 2008/05/06<br>14:37 |
| S35 | 0  | (different with protocol)<br>with asynchronous with<br>"clock recovery"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/06<br>14:38 |
| S36 | 21 | (different with protocol) with asynchronous with clock  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/06<br>14:38 |
| S37 | 12 | @ad<"20030723" and S36  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/06<br>14:38 |
| S38 | 52 | protocols! with<br>asynchronous with clock  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/06<br>14:45 |
| S39 | 0  | protocols! with<br>asynchronous with "clock<br>recovery"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/06<br>14:46 |

| S40         | 24  | @ad<"20030723" and S38                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/06<br>14:46 |
|-------------|-----|---|---|----|----|---------------------|
| S41         | 21  | S40 not S37   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/06<br>14:46 |
| S42         | 0   | processer with "different<br>protocol"                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/06<br>14:55 |
| S43         | 402 | processor with "different<br>protocol"                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/06<br>14:56 |
| S44         | 7   | processor with "different<br>protocol" with (clk clock) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/06<br>14:56 |
| S45         | 275 | @ad<"20030723" and S43                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/06<br>14:56 |
| S46         | 7   | @ad<"20030723" and S44                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/06<br>14:57 |
| S47         | 402 | processor with "different<br>protocol"                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/08<br>07:45 |
| S48         | 275 | @ad<"20030723" and S47                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/08<br>07:45 |
| <b>S</b> 49 | 91  | asynchronous and S48                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/08<br>07:45 |

| <b>S</b> 50 | 16 | (oscilla\$5 oscillat\$3) and<br>S48   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/08<br>09:22 |
|-------------|----|---|---|----|----|---------------------|
| S51         | 21 | (US-20020176447-\$ or US-20030145116-\$ or US-20040215248-\$ or US-20040098645-\$ or US-20040017794-\$ or US-20030208652-\$ or US-20030103526-\$ or US-20020071477-\$ or US-20040252049-\$).did. or (US-7116739-\$ or US-5293603-\$ or US-5404462-\$ or US-6829288-\$ or US-6606300-\$ or US-6446129-\$ or US-6189052-\$ or US-7171505-\$ or US-5949994-\$ or US-6169733-\$ or US-5420852-\$ or US-4516201-\$).did. | US-PGPUB;<br>USPAT                                      | OR | ON | 2008/12/08<br>07:15 |
| S52         | 1  | "710"/305-306.ccls. and (interface with protocols) with ("pll" "phase lock loop")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/08<br>09:12 |
| S53         | 5  | "710"/305-306.ccls. and<br>protocol with ("pll" "phase<br>lock loop")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/08<br>09:12 |

## 12/8/08 9:15:52 AM

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